

Founded by Surgeons of the United States and Canada, 1913

CHICAGO, TUESDAY, OCTOBER 13, 1970

Surgeons Study Principles of Effective Scientific Writing in CC Workshop

Some 50 surgeons, beating by a full day the official Clinical Congress clock, completed the first part of their schedule of Congress activities on Sunday.

They were the participants in a course on practical principles of effective scientific writing which was held in the Sheraton-Blackstone Hotel as a joint project of the College and the American Medical Writers Association. Chaired by Lois DeBakey, Ph.D., professor of scientific communications at Baylor College of Medicine, Houston, the course consisted of two plenary sessions and four workshops directed by Selma DeBakey, consultant in biomedical communications at the Cardiovascular Research and Training Center, Baylor College of Medicine, Houston; Charles G. Roland, M.D., chairman of the department of the medical library and of publications, Mayo Clinic, Rochester; Franz J. Ingelfinger, M.D., editor of the New England Journal of Medicine and clinical professor of medicine, Boston University School of Medicine, and Dr. Lois DeBakey.

A "first" among Clinical Congress programs, the course was unique, too, in that each participant was required to submit in advance a sample of his writing, and that he had to review, analyze, and revise not only his own writing, but that of all other participants in his workshop as well.

Although the course was limited to 50 participants, more than 250 Fellows applied for admission. In view of what proved to be a popular program feature for the Clinical Congress in Chicago, the College will study the possibility of holding a similar workshop at either the next Clinical Congress, or at one of the 1971 Sectional Meetings.

Guillermo Umana: 1970 ACS Guest Scholar

Dr. Guillermo Umana, assistant professor of surgery, Javerian Medical School, Bogota, Colombia, is the 1970 ACS guest scholar.

A general and cardiovascular surgeon who received his training at the Graduate School of Medicine, University of Pennsylvania, Dr. Umana was selected for this honor from an unusually large number—34—of candidates. He is on a geographical, full-time appointment at the medical school in Bogota, and is the Chapter Secretary for Colombia.

Surgical Investigators Present Varied and Promising Results at Daily Forum

Two dogs have survived with viable transplanted vocal cords for a year without use of immuno-suppressive drugs. The bark of one compares favorably with normal dogs, a group of investigators from the division of otolaryngology, Vanderbilt University Medical School, Nashville, reported Monday at the Forum on Fundamental Surgical Problems.

Since visual appearances do not necessarily mean good function, the investigators decided to assess the functional ability by means of acoustical analysis of their vocal output. A light writing oscillograph was used to obtain visual reproduction of the dogs' barks for comparison to normal dogs. Of the two op-

erated dogs analyzed, one had an acoustic pattern that closely resembled the normal. Duration, rate of change, pitch and overall output compared favorably with control dogs. The other dog's pattern showed great variability between waves and an abnormal pitch contour.

The authors of the report are Arthur Rosenblatt, Robert Coleman, and Jerrie Cherry.

No Heparin

A pump oxygenator that does not require use of heparin to prevent blood clotting has been developed by a group at the University of California, Irvine.

Akio Wakabayashi, in his Forum presentation, said the new device may make open heart surgery safer. A main reason that the operative mortality is still substantially higher than in abdominal is the use of heparin to prevent clotting while the blood is oxygenated during bypass through the artificial lung.

Dr. Wakabayashi said a method of coating the bypass unit, either the plastic tubing or stainless steel, with a graphite imbedded in a plastic base, has been developed. In animal experiments, blood clotting time remained within normal limits during the operative procedure. The UC-Irvine team is now trying to improve minor defects so that the bypass can be used safely in clinical cases.

"We believe this is the first successful application of cardiopulmonary bypass without anticoagulation," Dr. Wakabayashi said.

Heart-Lung

A design change in the heart-lung machine reduces the large amounts of donor blood required for priming, two Cleveland investigators told their Forum audience.

Frederick S. Cross and Richard D. Jones of the department of surgical research, St. Luke's Hospital, Chicago, described a low volume oxygenator that modifies the rotating disc oxygenator by developing a new method for forming the blood film. The priming volume is reduced from 30 ml/disc to 5 ml/disc.

Inside the Head

Placing a hearing aid inside the head is an approach to deficient hearing that would allow greater efficiency, a group from the University of Oregon Medical School reported. A piezo electric system has been fashioned into an implantable hearing aid.

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Pres. Baker Gets High Army Civilian Award



Brig. Gen. John Boyd Cates, Jr., commander of the Madigan General Hospital, Tacoma, presents Outstanding Civilian Service Medal to ACS President Joel W. Baker.

One of the Army's highest civilian awards, the Outstanding Civilian Service Medal, was presented to ACS President Joel W. Baker at ceremonies last month at Madigan General Hospital, Tacoma. Madigan's Commander, Brig. Gen. John Boyd Cates, Jr., made the presentation on behalf of the Army.

Dr. Baker, emeritus chief of surgery at Virginia Mason Hospital in Seattle, was honored for his work as surgery consultant at Madigan for more than 24 years. He was cited for his outstanding teaching qualities as well as for his contributions to the Hospital's reputation and the well-being of his patients.

Wm. T. Fitts, Jr. to Give Scudder Oration; Trauma Gets Full Program Attention

William T. Fitts, Jr., Philadelphia, will deliver the Scudder Oration on Trauma this afternoon at 1:30 p.m. in the Prudential Building Auditorium, Prudential Plaza. He will speak on "Men for the Care of the Injured: A Crisis Facing the '70s."



Dr. Fitts

Immediately following Dr. Fitts' speech, the Symposium on Trauma will be held at the same location. The subject under discussion will be "Fracture of the Pelvis with Associated Visceral Injury," with John C. Ivins, Rochester, Minn., serving as moderator. Dr. Ivins will be joined by five other authorities on the subject.

Also, today, from 9 a.m. to noon, in the Conrad Hilton Hotel's Grand Ballroom, there will be a showing of seven films billed as the "Trauma Special." Fraser Gurd, Montreal, scheduled originally to narrate his film on hypovolemic shock will not appear. Lawrence G. Hampson and Andrew Hreno will substitute for Dr. Gurd.

A second "Trauma Special," with six entirely different films being shown, will be presented on Thursday morning, October 15, again in the Grand Ballroom of the Conrad Hilton.

Dr. Fitts is professor of surgery, University of Pennsylvania School of Medicine; chief of surgical ward service, Division B, Hospital of the University of Pennsylvania; and on special assignment, Section on Trauma of Surgical Service, 1959 to date. He is editor of the *Journal of Trauma*.

A member of the ACS national Committee on Trauma since 1957, Dr. Fitts served as vice chairman, 1965-66, and on the subcommittees of burns and education. He was chairman of the Pennsylvania state Committee on Trauma, 1955-67, and chairman of the Philadelphia regional Committee on Trauma, 1958-60.

James IV

James IV Association of Surgeons, Inc., will hold its Director's meeting today in Parlor 521 at 4 p.m. and business meeting of the members from 5 to 6 p.m. As the meeting adjourns, all are invited to a reception in Parlor 523 just down the hall.

Dr. Wade's Party, Tomorrow

New York Hospital graduates are invited by Preston A. Wade for cocktails in Room 2144-A at the Conrad Hilton, Wednesday evening, 5:30 to 7:30 p.m.

Booth S-1 Tells About ACS Program in Surgical Education Self-Assessment

A surgical education self-assessment program, an important new venture of the College which will aid significantly the continuing education of the Fellows, is the subject of Exhibit Booth S-1 displayed in the lower lobby of the Conrad Hilton Hotel.

Sponsored by the College to enable the practicing physician to evaluate the status of his surgical knowledge, the program is being developed in conjunction with the National Board of Medical Examiners, and will cover such areas as shock, wounds, endocrine surgery, and basic information in the surgical specialties.

The program will be self-administered, with the grading sheets to be returned by the physician to the NBME. Individual grades in the program's various subcategories will be provided the physician to help him identify deficient areas. Test scores, provided by a bonded agency, will be confidential. Available to Fellows of the College and other interested physicians, participation in the program is to be voluntary.

The surgical education self-assessment program is being developed by the Committee on Continuing Education under the chairmanship of James V. Maloney, Jr., Los Angeles.

Application forms can be obtained from Booth S-1 or by contacting Harold A. Zintel, College Headquarters, 55 East Erie Street, Chicago, Illinois.

Brooklyn-Long Island

The Brooklyn and Long Island Chapter is hosting a Hospitality Suite, Room 1506, at the Conrad Hilton, throughout Congress week. Raymond F. Smith, president, is host. Chapter members and friends are invited to stop by, noontimes and early evenings.

3 Nominating Committees Meet Wednesday Morning

Three committees will meet jointly on Wednesday, October 14, to nominate various officials of the College. The committees are:

Nominating Committee of the Board of Governors—K. Alvin Merendino, Seattle, chairman; Charles A. Macgregor, Greenfield, Mass.; Ward H. Eastman, Peoria; J. Harvey Johnston, Jr., Jackson, Miss.; Ben D. Massey, Pasadena.

Nominating Committee of Fellows—Allen M. Boyden, Portland, Ore., chairman; John M. Dorsey, Evanston, Ill.; Richard H. Eg-dahl, Boston; George P. Rosemond, Philadelphia; W. Dean Warren, Miami.

Advisory Committee on Nominations for the Board of Regents—Walter C. MacKenzie, Edmonton, chairman; Reed M. Nesbit, Davis, Calif.; Preston A. Wade, New York.

Langston Leads Off Day's Surgery on TV

Today's surgical telecasts, the color television transmittal of actual surgical procedures as they are being performed at the University of Illinois Hospital, will commence at 10 a.m. in the Great Hall of the Pick-Congress Hotel.



Dr. Langston

A pulmonary procedure, a carotid endarterectomy, and a cervical laminectomy are on the day's docket.

Hiram T. Langston, Chicago, will perform the aforementioned pulmonary procedure. Serving as moderator of the session, Gilbert S. Campbell, Little Rock, will transmit questions put by the viewers to studio-based panelists Thomas B. Ferguson, St. Louis; Thomas F. Nealon, New York, and Thomas H. Allen, Birmingham.

The afternoon portion of the program will feature first, at 2 p.m., the carotid endarterectomy to be performed by Ormand C. Julian, Chicago. He will have Alfred W. Humphries, Cleveland, as moderator.



Dr. Sugar



Dr. Julian

Mark M. Kartchner, Tucson; Horace C. Stansel, Jr., New Haven, and Charles G. Rob, Rochester, N. Y., will be the panelists.

At 3:30 p.m., Oscar Sugar, Chicago, will perform the cervical laminectomy. Theodore Kurze, Los Angeles, is to be moderator. He will work with panelists Manucher Javid, Madison; John Fergus Alksne, Richmond, and Bertram Selverstone, Boston.

American Surgical Association

The Advisory Membership Committee of the American Surgical Association is having an all-day meeting tomorrow in the English Room, Sheraton-Blackstone, from 8:30 a.m. to 5 p.m. Luncheon will be served and refreshments during breaks.

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Paradox Puts Physician In Peculiar Bind, Says Terry

The paradox of being both the supplier of medical care and the consumer's chief advisor concerning how much medical care he should purchase, "puts the physician in a peculiar bind," Dr. Luther L. Terry pointed out yesterday in the course of giving this year's American Urological Association Lecture.

"Our tradition," he continued, "emphasizes that we should give the best possible care to our patients that is technically feasible. We are not conditioned to weigh potential benefit versus potential cost.

"Yet the public is asking for answers to the spiraling cost of medical care, and if we don't provide them," he cautioned, "the distribution of medical care is likely to be increasingly regulated by forces from without the profession."

Dr. Terry is vice president for medical affairs, and professor of medicine, at the University of Pennsylvania Medical School in Philadelphia.

"I think the day is coming soon when our hospitals will be operating on a full schedule of services 24 hours a day and seven days a week," he predicted. "The sophistication of intensive care, transplant surgery, and so forth, require round the clock monitoring of vital signs and biochemical parameters. We can no longer afford admitting a patient on Friday for surgery on Monday or Tuesday."

In taking a long, searching look at the variously related aspects of the nation's health problems and the delivery of medical care services, Dr. Terry suggested that "the orientation of current social philosophy towards a comprehensive definition and concern with the health status means that there is a broader-based collaboration today between physicians, health and education specialists, government, economists, city-planners, law enforcement officials, and every other knowledgeable segment of the community."

In the future, this kind of collaboration will intensify, in Dr. Terry's opinion.

"A concerted effort by those trained in every area of human experience is surely the only way in which we, as a nation, will be able to solve such massive problems as the increasing incidence of mental and chronic disease, drug and alcohol abuse, the decay of our inner cities, race riots, environmental pollution, and the population explosion."

SURGICAL FORUM TEXT

Contrary to the price quoted in the official Congress program, and in keeping with the information carried in Monday's C.C. News, the price of the textbook, *Surgical Forum*, Volume XXI, is \$4. It is on sale in the registration area, Normandie Lounge, Conrad Hilton Hotel.

Forum Author Named As One of City's "Ten Outstanding"

David R. Boyd, 33-year-old Chicago surgeon, and first author of a Surgical Forum paper—"Predictive Value of Serum Osmolality in Shock Following Major Trauma"—to be given Wednesday afternoon, was honored last month in being named by the Chicago Junior Association of Commerce and Industry as one of the city's "Ten Outstanding Young Men" for 1970.



Dr. Boyd

Dr. Boyd is chief resident of the Trauma Unit for Cook County Hospital, and an instructor in surgery at the Abraham Lincoln School of Medicine. For the past two years, his clinical and research interests have been directed to the metabolic and respiratory problems of the severely traumatized patient. He has developed a computerized data collection and retrieval system for clinical and epidemiologic investigation of major traumatic injuries.

During his residency training in general surgery at the Cook County Hospital, Dr. Boyd was chosen a U.S. Public Health Service Academic Scholar, in surgery, in Lloyd M. Nyhus' program at the Abraham Lincoln School of Medicine. He was the first Illinois doctor to be so designated.

Now's the Time to Sign Up for 1971 Scientific Winter Cruise

Will you be among those "present and accounted for" when the SS Rotterdam weighs anchor, January 2, for the College's 1971 Scientific Winter Cruise to the West Indies, Panama, and South America?

The cruise will give participating Fellows—and friends of Fellows—not only an opportunity to explore the seven most exciting Caribbean ports, but will provide the ideal atmosphere in which surgeons may keep up on professional and scientific developments, and exchange ideas and techniques with their peers.

Scientific and clinical seminars will be held for surgeons in various specialties each forenoon when not in port. In addition, scientific meetings will be held in San Juan, Caracas, and Panama City.

Shorter trips may be arranged, if the January 2-21 time span is too long. For example, you may cruise to Venezuela and fly home, or fly to Venezuela and cruise home.

For full information on cruise particulars, Thomas McGuire Enterprises, Inc. is maintaining a special travel desk located in the registration area of the Normandie Lounge, second floor, Conrad Hilton Hotel.

Malignant Melanoma Is Subject of Lead-off Ciné Film, 1970 Series

"Regional Perfusion for Malignant Melanoma," will be the lead-off presentation in today's series of six Ciné Clinic film showings to be screened in the International Ballroom of the Conrad Hilton, between 8:30 a.m. and 12:30 p.m. The film is the work of Gilbert S. Campbell, Little Rock.

Eighteen such Ciné Clinic films have been especially produced for the Clinical Congress by Davis & Geck Department, American Cyanamid Company, Danbury, Conn. Each is a brief, to-the-point documentary in color. The surgeon whose work is shown is present, in each instance, as narrator. After the Congress, most of these films, with sound track added, will be available from Davis & Geck.

In addition to this morning's scheduled showings, six others are to be shown on Wednesday, with a final six slated for Thursday.

A highlight of the Wednesday program will be the presentation of plaques to 1970 Ciné Clinic participants. Borden R. Putnam, general manager of Lederle Laboratories, Division of American Cyanamid Company, will present the plaques, together with John M. Beal, Chicago, chairman of the ACS Committee on Medical Motion Pictures.

President Joel W. Baker, and chairman of the Board of Regents, William P. Longmire, Jr., will participate in the presentations.

For Ohioans

The Akron City Hospital will host a cocktail party beginning at 5:30 this evening in Room 1165, Conrad Hilton Hotel.

Jefferson Medical Alumni

A reception for faculty and alumni of Jefferson Medical College will be held today in the association's suite. George Gowan, Philadelphia, is host.



"Hurry up!"

Surgical Forum Papers

(Continued from Page 1)

This vibrating probe is sufficiently small to be placed in the inner ear space.

Tests of the unit have been carried out in guinea pigs and in one human being. Jack A. Vernon, Ph.D., professor in otolaryngology and director of the Kresge Hearing Research Laboratory, said the ceramic crystal, called the Denniston Probe after its developer, activated the ears of animals and produced hearing in the one human study. It was possible to perceive both pure tones and conversational speech. Additional work in human beings is planned.

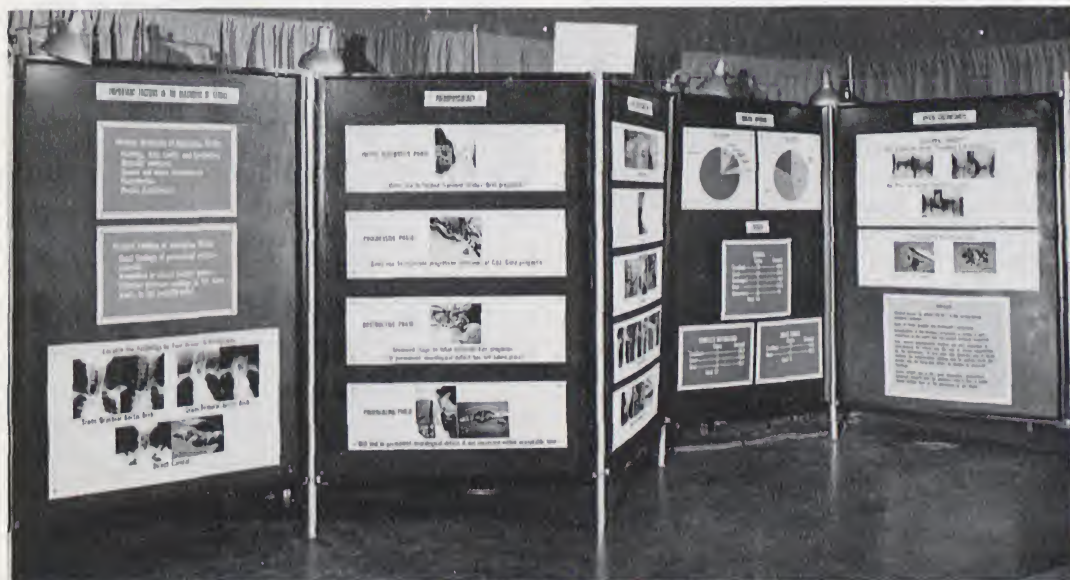
Gastric Mucus

According to a report by a group from Walter Reed Army Institute of Research, Washington, D.C., the protective effect of gastric mucus in the stomach does not seem to be a factor in the development of gastrointestinal hemorrhage following trauma, as animal studies have indicated.

Maj. John F. Stremple, Mark D. Molot, and J. Judson McNamara, studied 50 wounded men from the time they had entered an evacuation hospital with injuries. Nine subsequently hemorrhaged from acute gastric ulcer, a condition that occurs in civilian practice after such forms of stress as infection, post-elective surgery, neurologic disease, burns and trauma. The opportunity to study this problem with its application to civilian practice was offered in Viet Nam. Maj. Stremple estimated it would take five to 10 years to accumulate this experience in any one hospital in civilian practice.

National Medical Association

The Surgical Section of the National Medical Association will meet for luncheon today in the Lower Tower, Conrad Hilton Hotel, from 12 to 2 p.m., according to LaSalle D. Leffall, Jr., Washington, D.C.



A team of Illinois surgeons estimates that 80,000 deaths a year from stroke (in this country alone) could be prevented if changes in the blood vessels supplying the brain could be diagnosed early enough for surgery. For the full facts, pay a visit to Booth S-46, Scientific Exhibition. Your official Congress badge will gain you admittance to the exhibit areas.

"Spectacular Problems" On Night's Film Docket

Among the films scheduled for tonight's motion picture symposium, "Spectacular Problems in Surgery," will be one depicting a one-stage correction of three major congenital diseases of the heart and related vascular system in a 14-year-old boy brought in with a diagnosis of coarctation of the aorta. The film is the work of Hassan Najafi and Robert Callaghan, of Presbyterian-St. Luke's Hospital and the University of Illinois, Chicago.

Another will show how plastic surgery corrected a "dish-face" deformity, and lantern jaw deformity, of a young man by fracturing all the bones of the central face, including those below each eye, and cutting them free from the base of the skull. Milton T. Edgerton and Michael E. Jabaley, University of Virginia, are its authors.

A highlight of the evening's program, as it is each year, will be the presentation of medallions to the 1970 participants. Ethicon's president, J. A. Cormack, Somerville, N.J., will make the presentations and, also, an announcement of Ethicon's annual \$10,000 grant for the purchase of additional motion picture prints for the College film library.

Roswell Parkers

The Roswell Park Memorial Institute people are meeting for a luncheon from 12 noon to 2 p.m. today in the Belair Room at the Hilton.

Correction

Contrary to his originally announced location, Herbert Anderson of Dawson Imports, Ltd.—the man who has "set up shop" to take orders for the Official College Blazer—is *not* in Room 4N of the Conrad Hilton. (No such room exists, in fact.) MR. DAWSON MAY BE REACHED IN ROOM 922. Do stop by.

"The Hospital Cancer Program" Shown Daily at Booth S-26

Anyone attending the Congress who has not yet viewed the new sound and color motion picture, "The Hospital Cancer Program," produced jointly by the College and the American Cancer Society, need only to hie themselves to Booth S-26 in the exhibition area where there is a continuing, day-long "showing" of same.

The 20-minute film conveys the message that everyone concerned with providing complete care of the cancer patient has a responsibility for developing and maintaining a multi-disciplinary cancer program and an efficient cancer registry.

Employing a mixed cast of professional actors and highly capable non-professionals (actual medical personnel in some instances), it drives home the telling fact that a multi-disciplinary committee within a hospital can provide leadership for that institution's entire cancer patient program.

It shows—step by step—how the committee coordinates the staff effort and brings about unity of purpose in approaching the cancer problem. The role of the hospital-based cancer registry as an integral part of any multi-disciplinary cancer program is graphically portrayed.

Medical Book Publishers

The American Association of Medical Book Publishers will have their business meeting from 2 to 4 p.m. today in Parlor 512 at the Hilton.

Roosevelt Surgical Service

The Roosevelt Surgical Service plays host this evening at its traditional Congress cocktail party—5:30 p.m., Suite 2306-A, Conrad Hilton. David M. Carberry is the man in charge.

Head and Neck Surgeons

Members of the Executive Council of the Society of Head and Neck Surgeons will breakfast Wednesday from 7:30 to 9 a.m. in the Sheraton Room of the Sheraton-Blackstone.

Deryl Hart

Members of the Deryl Hart Surgical Society will meet Wednesday from 12 to 1 p.m. in the Envoy Room at the Sheraton-Blackstone.

Canadians

A meeting for the Heads, Canadian Clinical Departments of Surgery is being held Wednesday at 4 p.m. in Parlor 513 at the Hilton.

Roy D. McClure

The Roy D. McClure Surgical Society of the Henry Ford Hospital will meet Wed. evening from 6:30 to 7:30 in the Ivy Room at the Sheraton-Blackstone.